

COC# 207

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 FAX 420-9210
(509) 924-9200 FAX 924-9200
(503) 906-9200 FAX 906-9210
(541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: M108015

CLIENT: BRISTOL		INVOICE TO: BRISTOL										TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10 7 5 4 3 2 1 <1</div> <div>STD.</div> <div>5 4 3 2 1 <1</div> </div> Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div>5 4 3 2 1 <1</div> <div>STD.</div> </div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">OTHER</div> Please Specify _____ <small>*Turnaround Requests less than standard may incur Rush Charges.</small>					
REPORT TO: ANNE KRANAWETTER		P.O. NUMBER: 21090															
ADDRESS: AMCHITKA, AK																	
PHONE: 907-770-0974 FAX: 770-0975		PROJECT NAME: AMCHITKA															
PROJECT NUMBER: 21090		REQUESTED ANALYSES															
SAMPLED BY:																	
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	DEO	RRO	GEO	BTEX w/									MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. 01 Am HVS12SL	8/11/01 1640	X	X	X	X									S	2		
2. 01 Am HVS13SL	8/11/01 1642	X	X	X	X									S	2		
3. 01 Am HVS14SL	8/11/01 1650	X	X	X	X									S	2		
4. 01 Am HVS15SL	8/11/01 1656	X	X	X	X									S	2	T=1656	
5. 01 Am HVS16SL	8/11/01 1715	X	X	X	X									S	2		
6. 01 Am HVS17SL	8/11/01 1722	X	X	X	X									S	2		
7. 01 Am HVS18SL	8/11/01 1730	X	X	X	X									S	2		
8. 01 Am HVS19SL	8/11/01 1735			X	X									S	1		
9.																	
10.																	
11.																	
12.																	
13.																	
14.																	
15.																	
RELINQUISHED BY: Charlie Marshall		FIRM: BRISTOL		DATE: 8/11/01		TIME: 2:15		RECEIVED BY: Craig Bradle		FIRM: NCA		DATE: 8/11/01		TIME: 2:15			
RELINQUISHED BY:		FIRM:		DATE:		TIME:		RECEIVED BY:		FIRM:		DATE:		TIME:			
PRINT NAME:		FIRM:		DATE:		TIME:		PRINT NAME:		FIRM:		DATE:		TIME:			
ADDITIONAL REMARKS: Treatment Post HAVE BATCH #5 Confirmation soil samples																TEMP: 10.1	PAGE 1 OF 1



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

7 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 08/11/01 21:15. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M108015



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMHV512 SL	M108015-01	Soil	08/11/01 16:40	08/11/01 21:15
01AMHV513SL	M108015-02	Soil	08/11/01 16:42	08/11/01 21:15
01AMHV514SL	M108015-03	Soil	08/11/01 16:50	08/11/01 21:15
01AMHV515SL	M108015-04	Soil	08/11/01 16:56	08/11/01 21:15
01AMHV516SL	M108015-05	Soil	08/11/01 17:15	08/11/01 21:15
01AMHV517SL	M108015-06	Soil	08/11/01 17:22	08/11/01 21:15
01AMHV518SL	M108015-07	Soil	08/11/01 17:30	08/11/01 21:15
01AMHV519SL	M108015-08	Soil	08/11/01 17:35	08/11/01 21:15

C. O. C. # 207

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Gasoline Range Organics (n-Hexane to <n-Decane) per AK101
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMHV512 SL (M108015-01) Soil						Sampled: 08/11/01 Received: 08/11/01			
Gasoline Range Organics	ND	5.14	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
Surr: 4-BFB (FID)	89.5 %	50-150							
01AMHV513SL (M108015-02) Soil						Sampled: 08/11/01 Received: 08/11/01			
Gasoline Range Organics	ND	5.72	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
Surr: 4-BFB (FID)	87.2 %	50-150							
01AMHV514SL (M108015-03) Soil						Sampled: 08/11/01 Received: 08/11/01			
Gasoline Range Organics	9.15	5.46	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
Surr: 4-BFB (FID)	102 %	50-150							
01AMHV515SL (M108015-04) Soil						Sampled: 08/11/01 Received: 08/11/01			
Gasoline Range Organics	ND	4.15	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
Surr: 4-BFB (FID)	93.3 %	50-150							
01AMHV516SL (M108015-05) Soil						Sampled: 08/11/01 Received: 08/11/01			
Gasoline Range Organics	4.99	4.48	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
Surr: 4-BFB (FID)	97.0 %	50-150							
01AMHV517SL (M108015-06) Soil						Sampled: 08/11/01 Received: 08/11/01			
Gasoline Range Organics	ND	4.68	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
Surr: 4-BFB (FID)	93.0 %	50-150							
01AMHV518SL (M108015-07) Soil						Sampled: 08/11/01 Received: 08/11/01			
Gasoline Range Organics	ND	4.97	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
Surr: 4-BFB (FID)	99.4 %	50-150							

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Gasoline Range Organics (n-Hexane to <n-Decane) per AK101
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMHV519SL (M108015-08) Soil					Sampled: 08/11/01 Received: 08/11/01				
Gasoline Range Organics	ND	11.3	mg/kg dry	50	AK 101	08/12/01	08/12/01	0108035	
<i>Surr: 4-BFB (FID)</i>	87.9 %	50-150							

North Creek Analytical - Mobile Lab

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Diesel Hydrocarbons (C10-C25) and Heavy Oil (C25-C36) per AK102 and AK103
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMHV512 SL (M108015-01) Soil					Sampled: 08/11/01 Received: 08/11/01		R-05		
Residual Range Organics	1310	714	mg/kg dry	1	AK102/103	08/12/01	08/12/01	0108036	
Diesel Range Organics	1100	357	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>126 %</i>	<i>50-150</i>							
<i>Surr: Triacontane</i>	<i>144 %</i>	<i>50-150</i>							
01AMHV513SL (M108015-02) Soil					Sampled: 08/11/01 Received: 08/11/01		R-05		
Residual Range Organics	1420	723	mg/kg dry	1	AK102/103	08/12/01	08/12/01	0108036	
Diesel Range Organics	833	362	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>123 %</i>	<i>50-150</i>							
<i>Surr: Triacontane</i>	<i>155 %</i>	<i>50-150</i>							S-06
01AMHV514SL (M108015-03) Soil					Sampled: 08/11/01 Received: 08/11/01				
Residual Range Organics	ND	143	mg/kg dry	1	AK102/103	08/12/01	08/12/01	0108036	
Diesel Range Organics	ND	71.4	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>108 %</i>	<i>50-150</i>							
<i>Surr: Triacontane</i>	<i>123 %</i>	<i>50-150</i>							
01AMHV515SL (M108015-04) Soil					Sampled: 08/11/01 Received: 08/11/01				
Residual Range Organics	438	358	mg/kg dry	1	AK102/103	08/12/01	08/12/01	0108036	
Diesel Range Organics	319	239	"	"	"	"	"	"	A-01
<i>Surr: 1-Chlorooctadecane</i>	<i>115 %</i>	<i>50-150</i>							
<i>Surr: Triacontane</i>	<i>143 %</i>	<i>50-150</i>							
01AMHV516SL (M108015-05) Soil					Sampled: 08/11/01 Received: 08/11/01				
Residual Range Organics	ND	145	mg/kg dry	1	AK102/103	08/12/01	08/12/01	0108036	
Diesel Range Organics	ND	72.7	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>114 %</i>	<i>50-150</i>							
<i>Surr: Triacontane</i>	<i>129 %</i>	<i>50-150</i>							

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Diesel Hydrocarbons (C10-C25) and Heavy Oil (C25-C36) per AK102 and AK103
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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01AMHV517SL (M108015-06) Soil

Sampled: 08/11/01 Received: 08/11/01

Residual Range Organics	384	145	mg/kg dry	1	AK102/103	08/12/01	08/12/01	0108036	
Diesel Range Organics	839	72.5	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	124 %	50-150							
<i>Surr: Triacontane</i>	146 %	50-150							

01AMHV518SL (M108015-07) Soil

Sampled: 08/11/01 Received: 08/11/01

Residual Range Organics	ND	146	mg/kg dry	1	AK102/103	08/12/01	08/12/01	0108036	
Diesel Range Organics	ND	72.8	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	122 %	50-150							
<i>Surr: Triacontane</i>	108 %	50-150							

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

BTEX, MTBE and Naphthalene per EPA Method 8021B
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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01AMHV512 SL (M108015-01) Soil

Sampled: 08/11/01 Received: 08/11/01

Benzene	ND	0.0321	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.128	"	"	"	"	"	"	
Ethylbenzene	ND	0.128	"	"	"	"	"	"	
Xylenes (total)	ND	0.257	"	"	"	"	"	"	
Naphthalene	ND	1.28	"	"	"	"	"	"	

Surr: 4-BFB 84.8 % 50-150

01AMHV513SL (M108015-02) Soil

Sampled: 08/11/01 Received: 08/11/01

Benzene	ND	0.0358	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.143	"	"	"	"	"	"	
Ethylbenzene	ND	0.143	"	"	"	"	"	"	
Xylenes (total)	ND	0.286	"	"	"	"	"	"	
Naphthalene	ND	1.43	"	"	"	"	"	"	

Surr: 4-BFB 83.0 % 50-150

01AMHV514SL (M108015-03) Soil

Sampled: 08/11/01 Received: 08/11/01

Benzene	ND	0.0341	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.137	"	"	"	"	"	"	
Ethylbenzene	ND	0.137	"	"	"	"	"	"	
Xylenes (total)	ND	0.273	"	"	"	"	"	"	
Naphthalene	ND	1.37	"	"	"	"	"	"	

Surr: 4-BFB 94.7 % 50-150

01AMHV515SL (M108015-04) Soil

Sampled: 08/11/01 Received: 08/11/01

Benzene	ND	0.0260	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.104	"	"	"	"	"	"	
Ethylbenzene	ND	0.104	"	"	"	"	"	"	
Xylenes (total)	ND	0.208	"	"	"	"	"	"	
Naphthalene	ND	1.04	"	"	"	"	"	"	

Surr: 4-BFB 89.4 % 50-150

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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08/13/01 17:00

BTEX, MTBE and Naphthalene per EPA Method 8021B
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMHV516SL (M108015-05) Soil					Sampled: 08/11/01 Received: 08/11/01				
Benzene	ND	0.0280	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.112	"	"	"	"	"	"	
Ethylbenzene	ND	0.112	"	"	"	"	"	"	
Xylenes (total)	ND	0.224	"	"	"	"	"	"	
Naphthalene	ND	1.12	"	"	"	"	"	"	
Surr: 4-BFB	93.8 %	50-150							
01AMHV517SL (M108015-06) Soil					Sampled: 08/11/01 Received: 08/11/01				
Benzene	ND	0.0293	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.117	"	"	"	"	"	"	
Ethylbenzene	ND	0.117	"	"	"	"	"	"	
Xylenes (total)	ND	0.234	"	"	"	"	"	"	
Naphthalene	ND	1.17	"	"	"	"	"	"	
Surr: 4-BFB	88.7 %	50-150							
01AMHV518SL (M108015-07) Soil					Sampled: 08/11/01 Received: 08/11/01				
Benzene	ND	0.0311	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.124	"	"	"	"	"	"	
Ethylbenzene	ND	0.124	"	"	"	"	"	"	
Xylenes (total)	ND	0.249	"	"	"	"	"	"	
Naphthalene	ND	1.24	"	"	"	"	"	"	
Surr: 4-BFB	91.5 %	50-150							
01AMHV519SL (M108015-08) Soil					Sampled: 08/11/01 Received: 08/11/01				
Benzene	ND	0.0706	mg/kg dry	50	1B BTEX/MTI	08/12/01	08/12/01	0108035	
Toluene	ND	0.282	"	"	"	"	"	"	
Ethylbenzene	ND	0.282	"	"	"	"	"	"	
Xylenes (total)	ND	0.565	"	"	"	"	"	"	
Naphthalene	ND	2.82	"	"	"	"	"	"	
Surr: 4-BFB	85.1 %	50-150							

North Creek Analytical - Mobile Lab

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Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Physical Parameters per APHA/ASTM/EPA Methods
North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMHV512 SL (M108015-01) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	97.5	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	
01AMHV513SL (M108015-02) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	98.3	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	
01AMHV514SL (M108015-03) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	99.8	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	
01AMHV515SL (M108015-04) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	99.8	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	
01AMHV516SL (M108015-05) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	98.5	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	
01AMHV517SL (M108015-06) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	99.9	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	
01AMHV518SL (M108015-07) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	99.2	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	
01AMHV519SL (M108015-08) Soil					Sampled: 08/11/01 Received: 08/11/01				
% Solids	100	0.0100 % by Weight		1	Gravimetric	08/11/01	08/12/01	0108034	

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Gasoline Range Organics (n-Hexane to <n-Decane) per AK101 - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0108035 - MeOH Extraction

Blank (0108035-BLK1)

Prepared & Analyzed: 08/12/01

Gasoline Range Organics ND 4.00 mg/kg wet

Surr: 4-BFB (FID) 2.38 " 2.50 95.2 50-150

LCS (0108035-BS2)

Prepared & Analyzed: 08/12/01

Gasoline Range Organics 26.3 4.00 mg/kg wet 25.0 105 50-150

Surr: 4-BFB (FID) 9.43 " 10.0 94.3 50-150

LCS Dup (0108035-BSD2)

Prepared & Analyzed: 08/12/01

Gasoline Range Organics 27.4 4.00 mg/kg wet 25.0 110 50-150 4.10 20

Surr: 4-BFB (FID) 9.46 " 10.0 94.6 50-150

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Diesel Hydrocarbons (C10-C25) and Heavy Oil (C25-C36) per AK102 and AK103 - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0108036 - 3545 ASE

Blank (0108036-BLK1)

Prepared & Analyzed: 08/12/01

Residual Range Organics	ND	150	mg/kg wet						
Diesel Range Organics	ND	75.0	"						
Surr: 1-Chlorooctadecane	25.6		"	23.7		108	50-150		
Surr: Triacontane	28.1		"	23.5		120	50-150		

LCS (0108036-BS1)

Prepared & Analyzed: 08/12/01

Diesel Range Organics	1400	75.0	mg/kg wet	1250		112	75-125		
Surr: 1-Chlorooctadecane	32.3		"	23.7		136	50-150		
Surr: Triacontane	31.2		"	23.5		133	50-150		

LCS (0108036-BS2)

Prepared & Analyzed: 08/12/01

Residual Range Organics	573	150	mg/kg wet	625		91.7	60-120		
Surr: 1-Chlorooctadecane	26.4		"	23.7		111	50-150		
Surr: Triacontane	31.4		"	23.5		134	50-150		

LCS Dup (0108036-BSD1)

Prepared & Analyzed: 08/12/01

Diesel Range Organics	1360	75.0	mg/kg wet	1250		109	75-125	2.90	20
Surr: 1-Chlorooctadecane	31.3		"	23.7		132	50-150		
Surr: Triacontane	29.8		"	23.5		127	50-150		

LCS Dup (0108036-BSD2)

Prepared & Analyzed: 08/12/01

Residual Range Organics	602	150	mg/kg wet	625		96.3	60-120	4.94	25
Surr: 1-Chlorooctadecane	27.0		"	23.7		114	50-150		
Surr: Triacontane	32.9		"	23.5		140	50-150		

Matrix Spike (0108036-MS1)

Source: M108015-01

Prepared & Analyzed: 08/12/01

Diesel Range Organics	2400	730	mg/kg dry	1250	1100	104	0-200		
Surr: 1-Chlorooctadecane	26.1		"	23.6		111	50-150		
Surr: Triacontane	32.8		"	23.4		140	50-150		

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

BTEX, MTBE and Naphthalene per EPA Method 8021B - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0108035 - MeOH Extraction

Blank (0108035-BLK1)

Prepared & Analyzed: 08/12/01

Benzene	ND	0.0250	mg/kg wet
Toluene	ND	0.100	"
Ethylbenzene	ND	0.100	"
Xylenes (total)	ND	0.200	"
Naphthalene	ND	1.00	"

Surr: 4-BFB 2.26 " 2.50 90.4 50-150

LCS (0108035-BS1)

Prepared & Analyzed: 08/12/01

Benzene	1.86	0.0250	mg/kg wet	2.50	74.4	69-138
Toluene	2.00	0.100	"	2.50	80.0	53-151
Ethylbenzene	2.05	0.100	"	2.50	82.0	61-141
Xylenes (total)	10.3	0.200	"	7.50	137	62-141
Naphthalene	2.88	1.00	"	2.50	115	65-135

Surr: 4-BFB 6.36 " 7.50 84.8 50-150

North Creek Analytical - Mobile Lab

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
08/13/01 17:00

Notes and Definitions

A-01 Due to dilution reported value is estimated. Response between MDL and MRL. MRL lowered to allow reporting.

R-05 Reporting limits raised due to dilution necessary for analysis.

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Default Report (not modified)
			Report recreated from: \\sisters\elmnt\Report\M108015 FINAL 08 13 01 1700.mdb
0108035-BLK1	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
0108035-BS2	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
0108035-BSD2	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
0108036-BLK1	AK102/103	Residual Range Organics	Additional analyte reported
0108036-BS2	AK102/103	Residual Range Organics	Additional analyte reported
0108036-BSD2	AK102/103	Residual Range Organics	Additional analyte reported
M108015-01	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
M108015-01	AK102/103		R-05
M108015-01	AK102/103	Residual Range Organics	Additional analyte reported
M108015-02	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
M108015-02	AK102/103	Residual Range Organics	Additional analyte reported
M108015-02	AK102/103	Triacontane	S-06
M108015-02	AK102/103		R-05
M108015-02	AK102/103	Triacontane	Exceeds upper control limit
M108015-03	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
M108015-03	AK102/103	Residual Range Organics	Additional analyte reported
M108015-04	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
M108015-04	AK102/103	Residual Range Organics	Additional analyte reported
M108015-04	AK102/103	Diesel Range Organics	A-01
M108015-05	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
M108015-05	AK102/103	Residual Range Organics	Additional analyte reported
M108015-06	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
M108015-06	AK102/103	Residual Range Organics	Additional analyte reported
M108015-07	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported
M108015-07	AK102/103	Residual Range Organics	Additional analyte reported
M108015-08	AK101 (GRO)	Gasoline Range Organics	Additional analyte reported